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*North America's Leader in Hazardous Material Information Management*  
*1905 Aston Avenue, Carlsbad, CA 92008*  
*Phone (800) 451-8346 Fax (760) 602-8888*

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## MSDS PRODUCT INFORMATION

Date: 10/07/2005  
To: MSDS Requester  
From: 3E Company  
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☐ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☒ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: American Cyanamid Company  
Product Name: Amdro Consumer

# AG09247-1 - AMDRO CONSUMER

AMERICAN CYANAMID CO.  
PARSIPPANY, NJ 07054

## MATERIAL SAFETY DATA SHEET

EMERGENCY TELEPHONE: (973)-683-3100 (U.S.A.)  
(800)-424-9300 (CHEMTREC)

MSDS NO. AG09247-1  
CAS NO. 067485-29-4  
DATE: MAY 17, 1999

PRODUCT IDENTIFICATION	TRADE NAME: AMDRO CONSUMER SYNONYMS: Tetrahydro-5,5-dimethyl-2 (1H) -pyrimidinone [3- [4 (trifluoromethyl) phenyl] -1- [2- [4- (trifluoromethyl) phenyl] ethyeny] -2- propenylidene]hydrazone; AMDRO<R> Fire Ant Insecticide; Hydramethylnon CHEMICAL FAMILY: Amidinohydrazone MOLECULAR FORMULA: C<25>H<24>N<4>F<6> MOLECULAR WEIGHT: 494.500 USAGE: Insecticide		
WARNING STATEMENTS	CAUTION! KEEP OUT OF REACH OF CHILDREN. AVOID ANY PROLONGED CONTACT TO SKIN OR EYES.		
INGREDIENTS	COMPONENT	CAS. NO.	PEL/TLV
	*Hydramethylnon	067485-29-4	0.73 1.4 mg/m>3< (TWA)
	Inerts		99.27
	*Section 313 Toxic Chemical REFERENCE: Hydramethylnon American Cyanamid - 1986 Inerts		
PHYSICAL PROPERTIES	APPEARANCE AND ODOR:	Yellow-tan, free-flowing granules having an odor characteristic of vegetable oil.	
	BOILING POINT:	Not Applicable	
	MELTING POINT:	Not Applicable	
	VAPOR PRESSURE:	Not Applicable	
	BULK DENSITY:	15-24 lbs./ft>3<	
	VAPOR DENSITY:	Not Applicable	
	% VOLATILITY (BY VOL.):	Not Applicable	
	OCTANOL / H<2>O	Not Applicable	
	PARTITION COEF.:	Not Applicable	
	PH:	Not Applicable	
	SATURATION IN AIR (BY VOL.):	Not Applicable	
	EVAPORATION RATE:	Not Applicable	
	SOLUBILITY IN WATER:	Insoluble	
MSDS SHEET NO. AG09247-1			
PAGE 2			
FIRE AND EXPLOSION HAZARD INFORMATION	FLASH POINT:	> 220<o>F (> 104<o>C) Setaflash (c. cup)	
	FLAMMABLE LIMITS (% BY VOL.):	Not Available	
	AUTOIGNITION TEMP:	404 +/- 5<o>C	

DECOMPOSITION TEMP:Not Available

**FIRE EXTINGUISHING MEDIA:**

Use water, foam, carbon dioxide, or dry chemical, to extinguish fires.

**FIRE CONTROL TACTICS:**

Avoid heavy hose streams; airborne dust may create an explosion hazard.

Wear self-contained, positive pressure breathing apparatus and full fire fighting protective clothing.

Keep unnecessary people away. Use as little water as possible. Dike area of fire to prevent material run-off.

Use spray or fog - solid stream may cause spreading.

Do not decontaminate personnel or equipment, or handle broken packages or containers without protective equipment as specified in the Exposure Control Section.

Decontaminate emergency personnel with soap and water before leaving the fire area.

Avoid breathing dusts, vapors and fumes from burning materials. Control run-off water - if water enters a drainage system, advise the authorities downstream.

**DUST EXPLOSION DATA:** This material has been tested in a 20-liter spherical bomb (per NFPA 68-1978) and has been found to be a Class 1 dust explosion hazard. <1% of this material passed through a 200 mesh screen for explosion testing after being ground up. If the material is further processed, the dust explosion hazard may change and it should be retested.

**NFPA HAZARD**

**RATING**

0 Least

1 Slight

2 Moderate

3 High

4 Severe

1  
/ \  
1 0  
\ /

Flammability

Health Reactivity

Special

**REACTIVITY DATA**

**STABILITY:**

Stable

**CONDITIONS TO AVOID:** This product may develop rancidity on prolonged exposure to air.

**POLYMERIZATION:**

Will not occur

**INCOMPATIBLE**

Not Available

**MATERIALS:**

MSDS SHEET NO. AG09247-1

PAGE 3

**HAZARDOUS**

**DECOMPOSITION**

**PRODUCTS:**

Thermal decomposition may produce hydrogen fluoride and oxides of carbon and nitrogen.

**HEALTH HAZARD**

**INFORMATION**

**TOXICITY DATA AND**

**EFFECTS OF OVEREXPOSURE:**

**ACUTE TOXICITY DATA:**

The acute oral LD<50> in both male and female rats is greater than 5000 mg/kg indicating that this product is practically non-toxic by ingestion in single doses.

The acute dermal LD<50> in both male and female rabbits is greater than 2000 mg/kg indicating this product is no more than slightly toxic by single skin applications.

This product is mildly irritating to the rabbit skin but is not irritating to the rabbit eye.

Hydramethylnon, the active ingredient in AMDRO, is not listed as a carcinogen by OSHA, IARC or NTP.

**EMERGENCY AND FIRST AID PROCEDURES:**

<IF INHALED>: Remove to fresh air.

<IF SWALLOWED>: Drink two glasses of water, induce vomiting if the person is conscious. Seek medical

attention.

<IF ON SKIN>: Wash skin with plenty of soap and water. Get medical attention if irritation persists.

<IF IN EYES>: Flush with plenty of water. Get medical attention if irritation occurs.

NOTES TO PHYSICIAN:

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

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EXPOSURE CONTROL METHODS	During the formulation of this product, use the following recommended industrial hygiene practices. Local exhaust ventilation should be used to maintain exposure below 1.4 mg/m <sup>3</sup> (TWA<8>), and to control the generation of airborne dust at points of transfer or other points where full enclosure is not feasible. When engineering control is not feasible and employee exposure exceeds 1.4 mg/m <sup>3</sup> wear a NIOSH approved pesticide respirator. In operations where there is a risk of accidental exposure to eyes, wear dust proof goggles, overalls, and gloves.
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MSDS SHEET NO. AG09247-1

PAGE 4

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Remove contaminated clothing/equipment, wash before reuse. For end users, use the recommended protective/equipment as prescribed by product label.

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SPILL OR LEAK PROCEDURES	Wear appropriate protective clothing and personal protective equipment. (See "Exposure Control".) Keep away from drains, surface and ground water, and soil. Keep all sources of ignition away from the spill, and avoid creating dusty conditions when handling this material. If heavy dusting cannot be avoided, ground all equipment. Shovel or sweep the spilled material into covered containers for proper disposal. (See "Waste Disposal".) If possible, reuse the material for its intended purpose. Rinse the spill area and any tools or implements several times with soapy water. Contain and absorb this rinsate with inert absorbents and place into the same covered container as the spilled material. Spills to the soil can be shoveled directly into covered containers for disposal. If the spill occurred to a body of water, notify the appropriate authorities downstream of the spill so that they can decide what if any further action is needed. Depending on local spill reporting requirements and the amount released to the environment, it may be necessary to notify the regulatory authorities.
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WASTE DISPOSAL: To avoid disposal, all attempts should be made to use this product completely, in accordance with its registered use. If this is not possible, handle with care and dispose in a safe manner. Keep all sources of ignition away and avoid creating dusty conditions when handling this product. If heavy dusting cannot be avoided, ground all equipment. Empty containers or liners may retain some product residues. DO NOT REUSE. Rinse the container or liner as needed for disposal. Render it unusable by crushing or puncturing. Dispose of the container

and any rinsate in a safe manner.  
Follow all applicable community, national  
or regional regulations regarding waste  
management methods.

MSDS SHEET NO. AG09247-1

PAGE 5

SPECIAL PRECAUTIONS      HANDLING AND STORAGE:  
This product is toxic to fish. Do not apply directly to  
lakes, ponds, or streams. This product may be an  
attractant to pets and rodents. Store in a secure place.  
Keep pets away from treated areas for at least 24 hours  
after application.  
STORAGE: STORE IN A COOL, DRY, SECURE PLACE AND KEEP  
CONTAINER TIGHTLY CLOSED. AMDRO is formulated in an oil  
bait that functions as an attractant to ants. Prolonged  
exposure to air may turn oil rancid and reduce the  
attractiveness of the bait. USE WITHIN 3 MONTHS AFTER  
OPENING CONTAINER.  
Maintain good housekeeping to control dust accumulations.  
Due to the dust explosion hazard, all processing equipment  
should have explosion venting per NFPA 68-1978. All  
electrical wiring and equipment should meet the provisions  
of NFPA-70.  
Do not contaminate water, food, or feed by storage or  
disposal. Store in a secure, dry, well-ventilated  
separate room, building or covered area.  
Keep away from sources of ignition and protect from  
exposure to fire and heat.  
Segregate from oxidizers and incompatible materials listed  
in the Reactivity Data Section.

MSDS SHEET NO. AG09247-1

PAGE 6

#### ADDITIONAL REGULATORY INFORMATION

##### SARA Title III Data

##### Section 311 and 312 Hazard Categories

Immediate Health Hazard -	Y	Reactive Hazard -	N
Delayed Health Hazard -	N	Sudden Pressure -	N
		Release Hazard	

Fire Hazard - N

Section 302 Extremely Hazardous Substances - None

Section 313 Toxic Chemicals - Hydramethylnon

##### CERCLA Reportable Quantity

AMDRO CONSUMER - None known

##### RCRA Hazardous Waste Code(s) And Statement(s)

AMDRO CONSUMER - None known

It is the responsibility of the waste generator to determine at the  
time of disposal whether this material meets any hazardous waste  
criteria.

#### APPENDIX

The information and statements herein are believed to be reliable but are  
not to be construed as a warranty or representation for which we assume  
legal responsibility. Users should undertake sufficient verification and  
testing to determine the suitability for their own particular purpose of any  
information or products referred to herein. NO WARRANTY OF FITNESS FOR A  
PARTICULAR PURPOSE IS MADE.

SOURCE AND SHEET NO.: AG09247-1  
DATE INFORMATION DATE: MAY 17, 1999

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